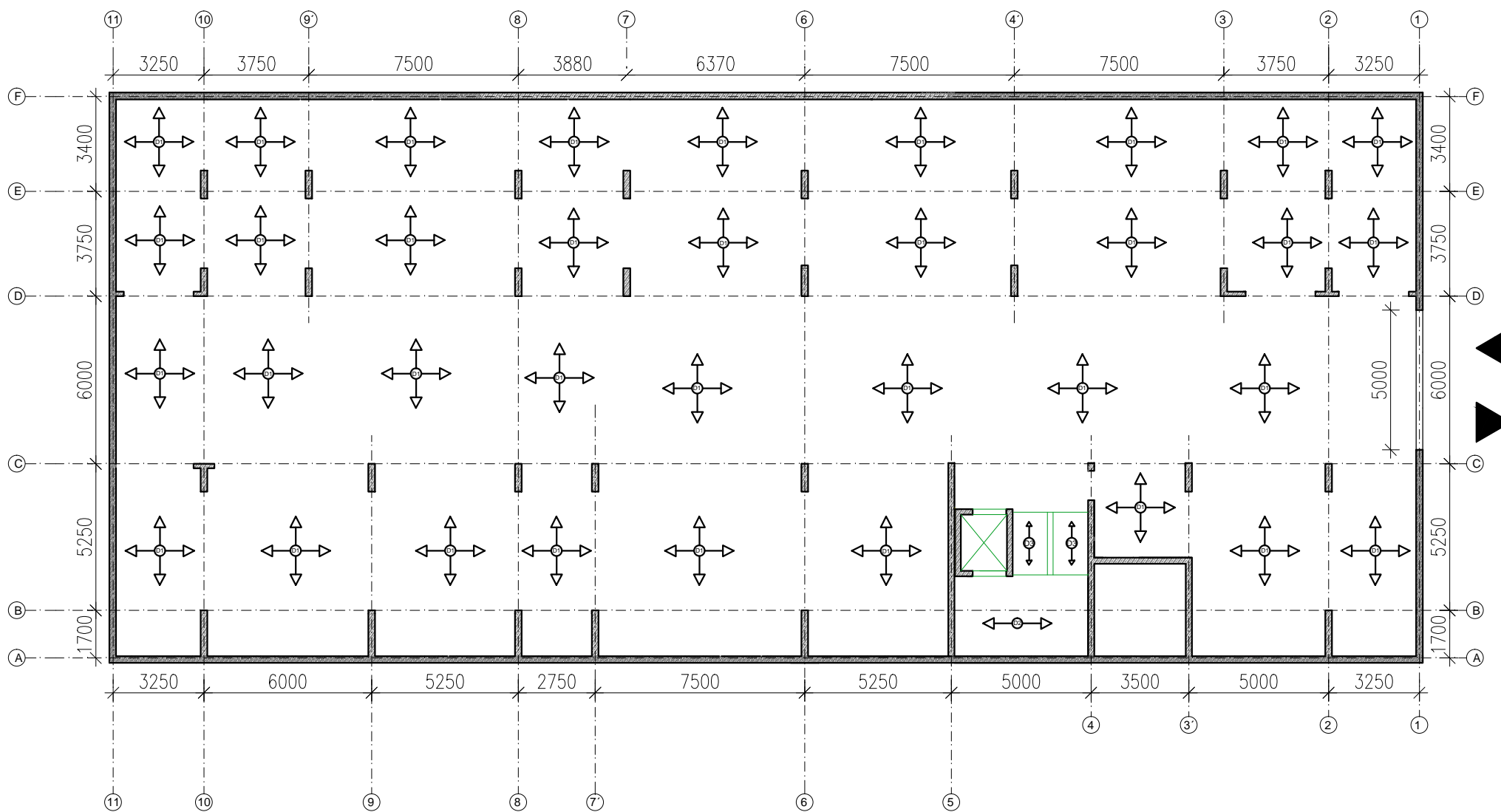
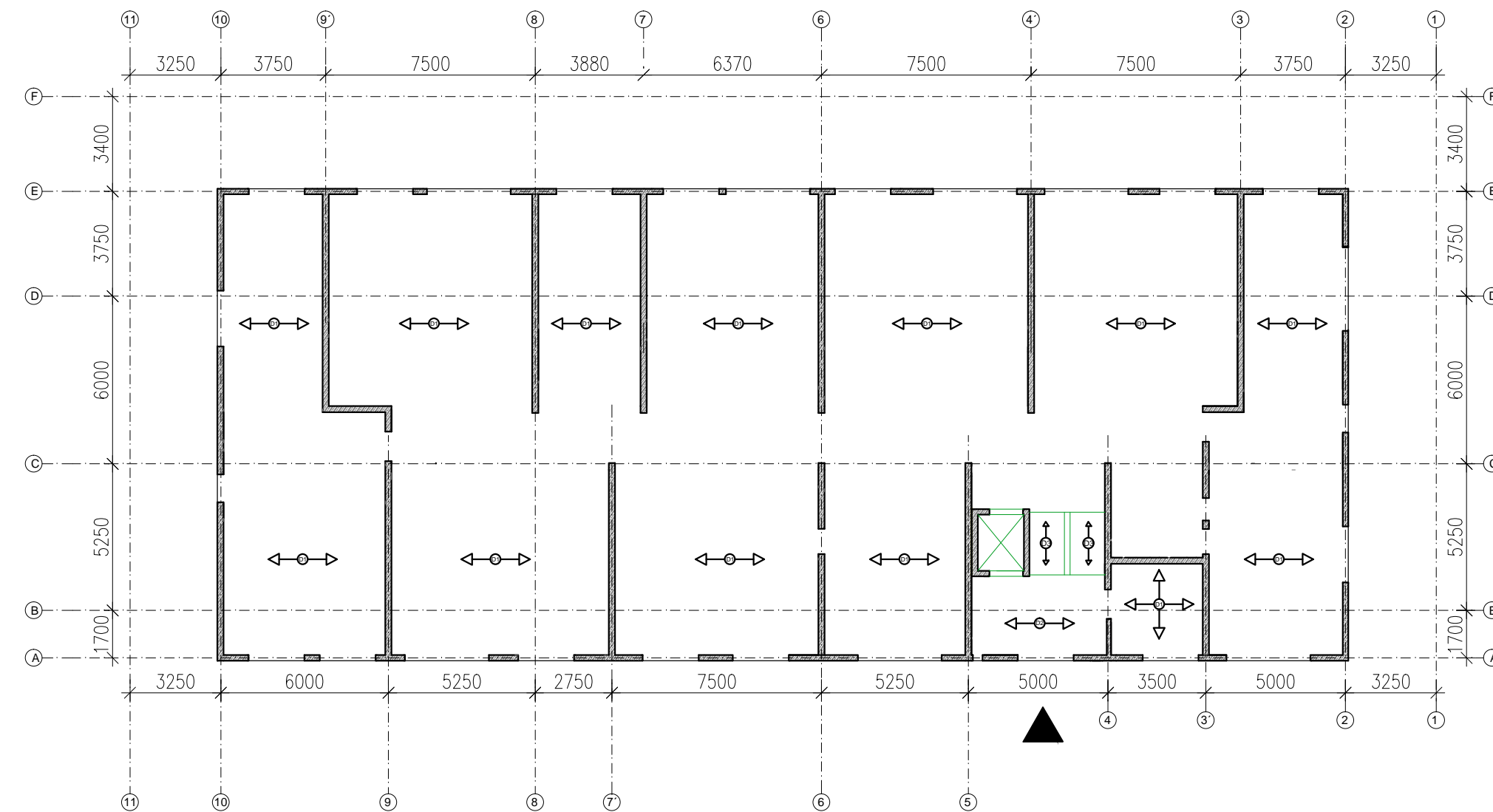


STRUCTURAL SYSTEM:
COLUMN SYSTEM
UNDERGROUND LEVEL

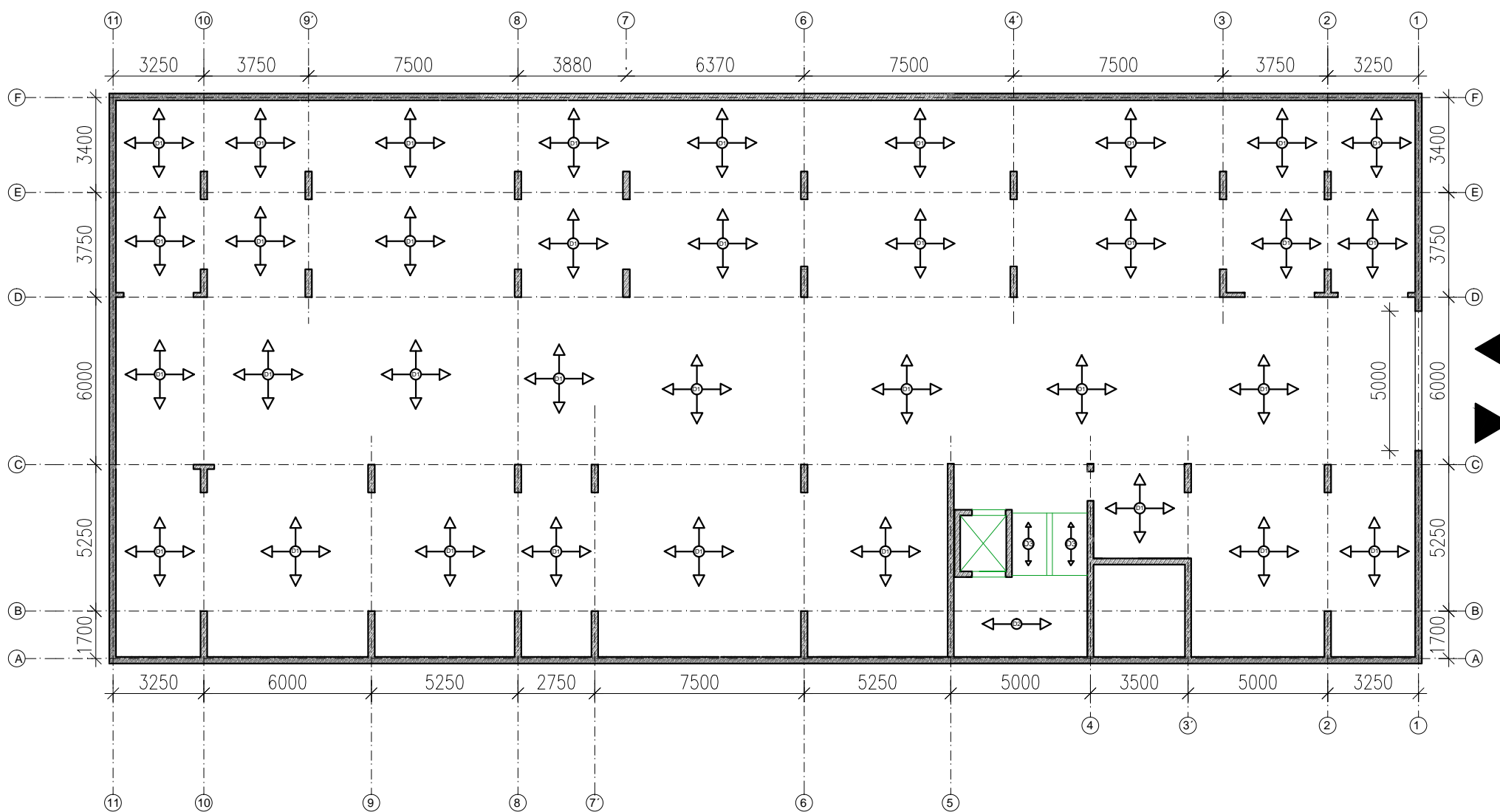


FIRST LEVEL

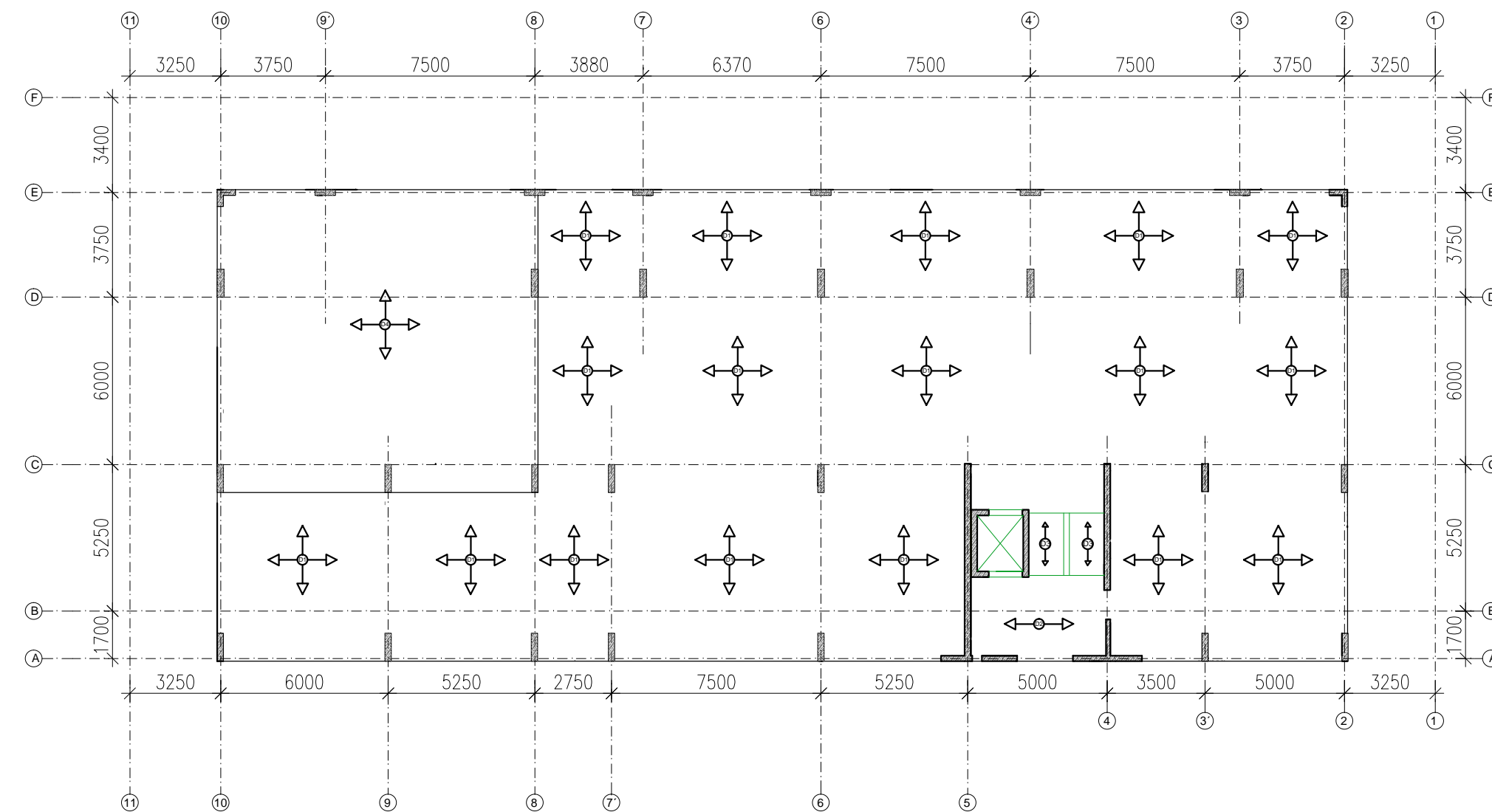


| | | |
|--|------------------------|--|
| PERIMETER WALL MASONRY - V1 | t [mm] | |
| -INNER PLASTER - DOUBLE LAYER LIMCEMENT PLASTER -MASONRY POROTHERM 19AKU -THERMAL INSULATION SYSTEM -ETICS - EPS70F -OUTER PLASTER - SYLICON | 15 200 160 15 | |
| U=0,23W/m2K < 0,25W/m2K - CHECK | | |
| PERIMETER WALL REINFORCED CONCRETE - V2 | t [mm] | |
| -INNER PLASTER - DOUBLE LAYER LIMCEMENT PLASTER -REINFORCED CONCRETE WALL -THERMAL INSULATION SYSTEM -ETICS - EPS70F -OUTER PLASTER - SYLICON | 15 200 160 15 | |
| U=0,25W/m2K < 0,25W/m2K - CHECK | | |
| PERIMETER WALL - UNDERGROUND LEVEL - V3 | t [mm] | |
| -INNER PLASTER - DUSTFREE INTERNAL PAINT -REINFORCED WATERPROOFING CONCRETE WALL -XPS BOARDS -NOP FOIL | 15 300 80 15 | |
| U=0,45W/m2K < 0,45W/m2K - CHECK | | |

STRUCTURAL SYSTEM:
COLUMN SYSTEM
UNDERGROUND LEVEL



FIRST LEVEL



±0,000 = +262,450 BpV

| | | | | | |
|----------------|--|--|-------|----------------------------|--|
| OBJECT | | RESIDENTIAL BUILDING | | Czech Technical University | |
| DOCUMENTATION | | BUILDING PERMIT DOCUMENTATION | | | |
| PROJECT | | Civil Engineering Part | | | |
| PURPOSE | | Bachelor Thesis - Residential Building | | | |
| CONSULTED WITH | | Ing. Malila Noori, Ph.D. | date | 05 / 2018 | |
| CREATED BY | | Malathe Alkhateeb | scale | 1 : 200 | |
| PART | | BUILDING STRUCTURE | | N: A4 | |
| DRAWING | | STRUCTURAL SYSTEMS 1 | | Drawing nr. | |